

Performance Bulletin

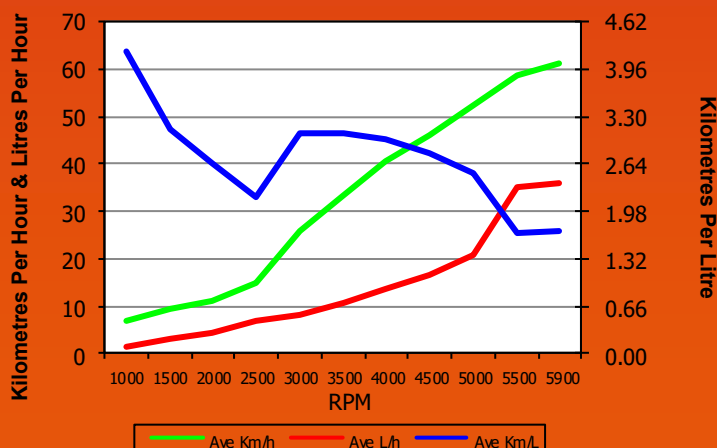
Test Date: 24th January 2017



F90 XB

Performance Data

RPM	Ave Km/h	Ave L/h	Ave Km/L
1000	6.75	1.60	4.22
1500	9.35	3.00	3.12
2000	11.25	4.25	2.65
2500	14.95	6.85	2.18
3000	25.75	8.40	3.07
3500	33.40	10.85	3.08
4000	40.45	13.50	3.00
4500	46.10	16.45	2.80
5000	52.40	20.90	2.51
5500	58.95	35.05	1.68
5700	61.10	35.85	1.70



Test Performed by certified Yamaha Technicians

Boat Manufactured by:

www.barcruiser.com.au/

BAR CRUSHER 535C

Length (LOA)	5.35M
Beam	2.15M
Dry Weight	550KGS
Max Hp	100HP
Fuel Capacity	100L
Weight as Tested (approximate)	1016KGS

F90XB

Horsepower	66.2kW (90ps) @ 5500rpm
Engine Type	16-Valve SOHC, In-Line 4
Weight	166kg
Gear Ratio	2.15 (28/13)
Mounting Height	#4 Hole

PROPELLER

Series	GP Alloy w/SDS
Diameter/ Pitch	13 1/4 x 16"
Part Number	6FP-45945-00

TEST CONDITIONS

Crew	2
Air Temperature	31.3°C
Wind Speed	<10 Knots
Fuel	100L
Conditions	Flat in non tidal river

TEST PERFORMANCE SUMMARY

Max Ave Speed	61.1 Km/h or 32.93 Knots
Best Cruising Km/L	3.08Km/L @ 3500rpm
Range, Based on 95% Fuel Capacity at Best Km/L	292 Kilometres
0 - 40 Km/h	5.81 Seconds (36.12M)

Data may vary due to changes in weather, tides, boat load, hull & propeller conditions, temperature, atmospheric pressure and wind direction. Fuel data gathered with a non-calibrated Yamaha fuel gauge. Speed data recorded with GPS receiver.
Yamaha Motor Australia accepts no responsibility for the accuracy of these readings.
All test data is recorded with the engine fully trimmed in (-4), until 5500 RPM, where possible.